

Flatfile Archive Viewer

1.0 General Information

1.1 Application Description

- a) Name. fam_oper_view
- b) Version Number, 1.0
- c) Version Date, November 2002
- d) Type. Computation Application on AX1
- e) Languages. TCL/TK and Unix Shell Script
- f) Description. TCL/TK program used to view all flatfiles archived to the AX under the predefined directories. This program will handle and translate all gif, jpg, png, gnu (spreadsheets), pdf, html, htm, and ascii text files into another viewable X-window.

1.2 Design Considerations

Currently the software handles the predefined extensions and funnels the code to a third party COTS software, which is packaged with LINUX. Other translators will be made available in subsequent releases.

Additional archive space has been allocated to files which the RFC Archive teams may have overseen. These directories are made available under the Miscellaneous block as Misc1, Misc2, Misc3, Misc4, Misc5, and Misc6. In addition, all archive types will also have reserve space for "other" files, which do not fit the common categories as defined by the 13 RFCs.

1.3 Assumptions application makes

Flatfiles must be stored under the /rfc_arc_data/flatfiles directory as consensually agreed upon by the RFCs and carried forth from the Design team. A sample directory of the structure is listed in the file /rfc_arc/docs/mkdir-adb.tree on the AX.

Flatfiles could be transferred to the AX via the Flatfile Archive Manager on the DS or individual processes written by each local RFCs. See the documentation concerning the program "fam_oper_mgr" on the ds if you would like to make use of the tool made available by the national RFC Archive team.

Flatfiles to be transferred via Flatfile Archive Manager is dependent on an rcp process setup for the user oper on both the AX and DS. The AWIPS build should have setup the entrusted rcp process, so if there is a problem with rcp, please see you local system administrator.

Flatfiles which end with the file extensions: gif, jpg, png are handled as images/graphics and opened with the viewer /usr/bin/gqview.

Flatfiles which end with the file extensions: htm, html are handled as a webpage and opened with the viewer /usr/bin/netcape.

Flatfiles which end with the file extension: pdf are handled as Adobe documents and opened with the viewer /usr/bin/xpdf.

All other flatfiles which do not end with the file extensions: gif, gnu, htm, html, jpg, or pdf are handled as if it were a text file and opened with nedit.

The current month and year is used as the initial default time. Users should adjust the sliders to indicate the proper time so that they could retrieve the appropriate file.

Reserve space for years 1990 to 2010 have been created on the AX. If more decades of archive space needs to be created, contacted the developer. There is a tool "mkdir-adb.ff1" written to expand the volume of flatfile allocations

2.0 Configuration Information

a) apps_defaults tokens on AX:

adb_dir: archive directory where programs are kept

b) Environment variables

All enviroment variables needed to run INFORMIX must be configured properly

HOME used for saving data if apps_defaults tokens not set

LOGNAME used in SHEF-encoded edited data file

c) Programs, scripts, and files

\$adb_dir/bin/fam/ff_oper_view.tcl script called by arcmenu to launch flatfile archive viewer.

\$adb_dir/bin/fam/ff_oper_view.hlp brief notes to help user navigate through the FAM window.

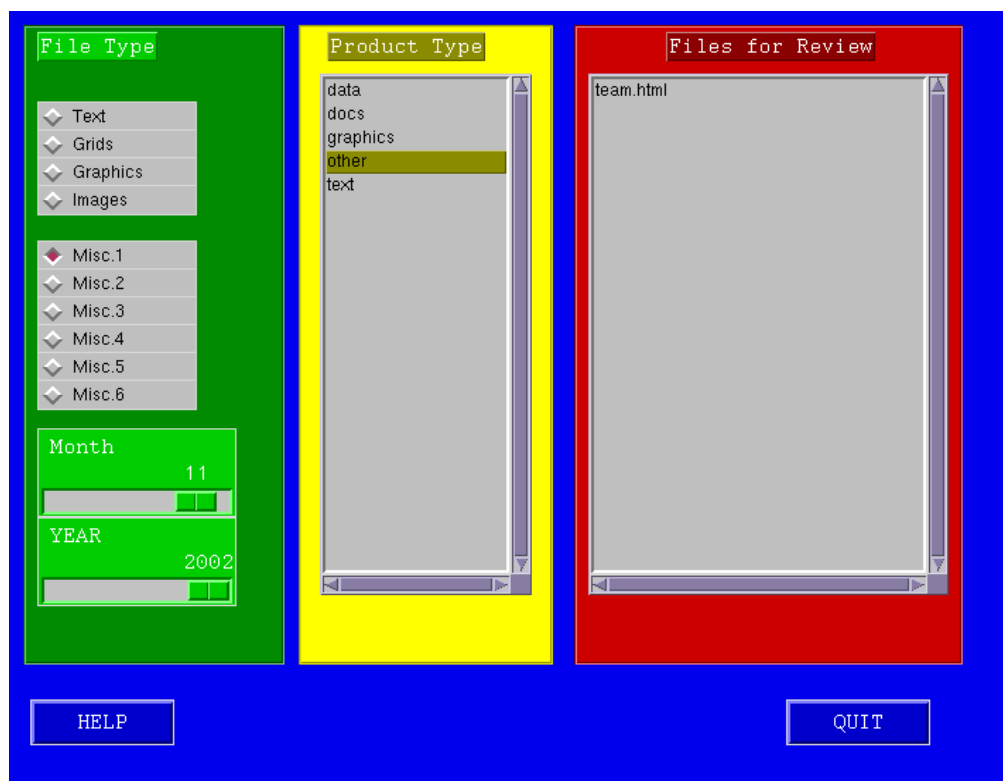
/rfc_arc/bin/tcl834/bin/wish8.3 the interpreter that the code uses.

d) Directories used
/rfc_arc_data/flatfiles/

the script is dependent on this root directory
and sub directories beneath it.

3.0 User Instructions

1. Select the "File Type" by clicking on the adjacent diamond.
2. Move the slider bars to the month and year of interest.
3. Select the "Product" category by clicking on product name.
4. The archived file of interest will appear in the far-right column. Double click on a file name to view.



4.0 Troubleshooting Information

If run with a background window, error messages are displayed. All other problems, bugs should be reported to the maintenance programmer listed in section 6 of this documentation.

5.0 Installation Instructions

The Flatfile Archive Viewer is packaged as a tar file with source code and a help file. Other executables are assumed to have been installed when the Linux OS was first loaded or subsequently upgraded. To install, place tar file in the /arc/fam directory and type:

```
tar -xvf fam_oper_view.tar
```

6.0 Maintenance Information

Original Programmer:

Victor Hom
Northeast River Forecast Center (NERFC)
508-824-5116 x260

Maintenance Programmer:

Victor Hom
Northeast River Forecast Center (NERFC)
508-824-5116 x260

7.0 References

For Linux COTS software, open the software and review the COTS online documentation.